DXpedition News

Libya - 5A See page 2 for the text of Romeo 3W3RR's press release on his planned Libya 5A and Tunisia 3V operation. Note that the start date depends on receiving sufficient contributions **before** the DXpedition.

St. Christopher - V4 Joe Pater WB8GEX and John Walker WZ8D will operate as **V47NF** and **V47WZ** respectively April 10-17, from St. Kitts (NA-104). They'll be on SSB and CW, 160-10 meters, favoring the bottom of the **General-class** subbands. QSL to home callsigns.

Gibraltar - ZB2 DL7URA, DL7URH, and Rolf Thieme DL7VEE will operate from Gibraltar **ZB2/** April 6-10. All bands, 160-10 meters, CW and SSB. However, they will be on the east side of the rock, making contacts with the US more difficult. QSL home callsigns.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Ghana - 9G The Netherlands team departed Europe on March 23, and fired up as **9G1AA** (not 9G5AA as expected) on March 26th. They have two stations active. On CW, look for 9G1AA 20 kHz up, listening 2-10 kHz higher. On SSB, try 14195 or 21295, listening 5-15 kHz up. Competition is lighter on the new bands: 18125 kHz at 1700Z, and 10105 kHz at 0630Z. QSL via PA2FAS, address in Issue 674. Note the request for donations for the Ghana hospital.

Cayman Islands - ZF Bob W9LNQ and Dot N9ALC Truhlar will operate as **ZF2UB/ZF8** and **ZF2UA/ZF8** April 19-26 from Little Cayman (NA-016). CW and SSB, 160-10 meters, including the new bands. Dot will check into the YLISSB net on 14333 kHz. QSL to N9ALC, 1701 W. 101st St., Chicago IL 60643.

April 2, 1993 **Issue 682**

Shortly Noted

- **J52AG** is SMØAGD's callsign during this trip to Guinea-Bissau. Try 7001 at 0600Z, 10102 kHz at 0645Z, and 21035 kHz at 1825Z, listening up a few. QSL SMØAGD.
- **S9:** LNDX says that ON4QM will be active from Sao Tomé this month or next.
- **HB9AMO/OD5** is again in Lebanon, for three months.
- **D2BG** is the Angolan call of Gerard ex-TZ6BG. He expects to be active until August, mostly SSB. QSL F6FNU. (Thanks DXNS.)
- **G3PJT/VP9** will be active to April 6th, mostly CW on the new bands. (LNDX.)
- **4U1ITU** will be active this weekend, with I1YRL, IK1PML, IK1RQQ, IK1TJD, and I1-67934 operating, on all bands and modes. QSL Luc Glarey I1YRL, Via S. Martino 11, 10091 Alpignano, Italy.
- **FR5ZU/T** is scheduled to be on from Tromelin mid-April.
- **A22MN** has been on 160 meters near his sunrise (0430Z). Listen on 1828.5 kHz, and transmit near 1832 kHz.
- **Canadian special prefixes:** From April 16 to June 16, Canadians may celebrate the 40th anniversary of the Canadian National Library as follows: VEs may use **VB,** VO1s may use **VO3**, VO2s may use **VO4**, VY1s may use **VY7**, and VY2s may use **VY8**. QSL regular callsign. Also, March 26-April 9, Manitoba amateurs may use the **XJ4** prefix, to honor the 100th anniversary of the Winnipeg Parks Board. QSL corresponding VE4. (Westlink.)
- **ZP3AA** will be active from the relatively rare Paraguay district 3, April 8-10, on SSB and CW, all bands. QSL to ZP5YV, Box 1341, Asuncion, Paraguay, or via the ZP bureau.
- **Six meters:** The Radio Club Paraguayo reports that six meters is open daily from southern South America to the Caribbean, EA8, and the near Pacific islands. ZP amateurs monitor 28885 kHz, and have a beacon on 50025 kHz.
- **SSB Net check-ins: 14227:** (11,21Z) JY1 C6A/KA9QOT UM8NU J5UAI; **14247:** (10Z) 3XØHLU JY3ZH A71CH; **21335:** (14Z) Z21GZ.
- **RTTY: ET3SID** has been active near 28087 kHz, at 10-1100Z, and 21093 at 1000Z. QSL to Syd T. May, Box 60222, Uneca, Addis Ababa, Ethiopia. The RTTY frequencies for the **9G1AA** Ghana operation are 14090, 21090, and 28090 kHz. Spots: **CEØZIS** (Juan Fernandez) 14081 0330Z, **OD5PL** 14084 1600Z, **ZC4ST** 14089 1615Z, **7Q7ZZ** 14086 1715Z, and **T5KJ** 14072 ARQ 2030Z.
- **Islands On The Air: JI6JVR** will operate from the Tokara archipelago (AS-049) April 10-11. I4LCK will operate as **C96CK**(?) from Mozambique's Cabo District islands (AF-061), April 23-May 6. DL2GAC plans to move to Papua New Guinea soon, and operate as **P29VMS** from Witu Island (OC-???). **4Z4DX** will operate from the Mediterranean Sea Coast group (AS-100) April 11-12. **KA2PHQ** starts an IOTA swing May 1: NA-014, NA-127, NA-126, NA-081, NA-010, and NA-154. (DXNS.)

Propagation

Forecast and Historical Data

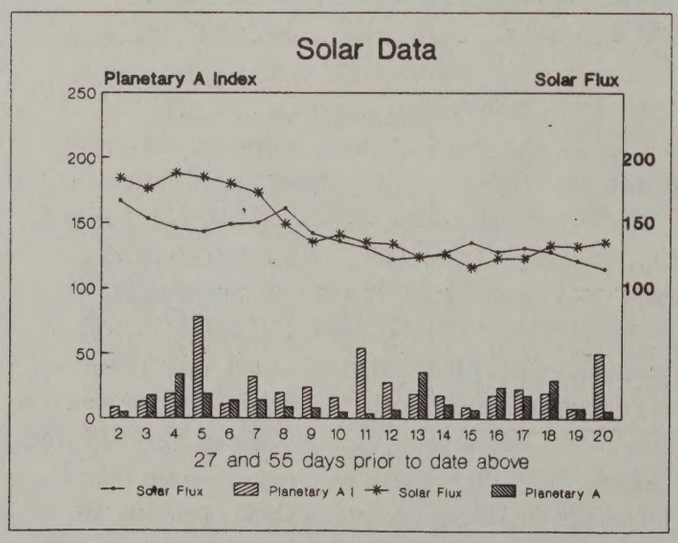
Day	Forecast	27 Days Before				55 Days Before			
April 1993		Date	Flux	A	K	Date	Flux	A	K
2	Above Normal	3/6	167	08/09	2	2/6	184	02/05	0
3	High Normal	3/7	153	11/13	2	2/7	176	18/18	4
4	Low Normal	3/8	146	19/19	3	2/8	188	29/34	3
5	Disturbed	3/9	143	51/78	2	2/9	185	17/19	3
6	Above Normal	3/10	149	09/11	1	2/10	180	11/14	4
7	Below Normal	3/11	150	29/32	5	2/11	173	14/14	2
8	High Normal	3/12	161	20/20	4	2/12	149	11/09	1
9	Low Normal	3/13	142	23/24	4	2/13	135	09/08	1
10	High Normal	3/14	136	16/16	3	2/14	141	05/05	1
11	Disturbed	3/15	131	39/54	3	2/15	135	01/04	0
12	Disturbed	3/16	122	23/28	4	2/16	134	08/07	2
13	Low Normal	3/17	124	17/19	2	2/17	124	28/36	3
14	Low Normal	3/18	127	14/18	1	2/18	126	12/11	2
15	High Normal	3/19	135	09/09	2	2/19	116	07/07	2
16	Low Normal	3/20	128	14/18	1	2/20	123	22/24	3
17	Low Normal	3/21	131	19/23	2	2/21	123	17/18	3
18	Low Normal	3/22	128	19/20	3	2/22	133	18/30	2

Propagation Watch

The fortuitous combination of seasonally enhanced propagation around the equinox, a relatively stable geomagnetic field, and moderate solar flux has provided DXers with good band openings recently. Look for these good conditions to continue for the next few weeks, before the bands deteriorate as summer approaches (in the northern hemisphere.)

Sunspot Region 7461 and some recurrent coronal holes may disrupt conditions this weekend, but the odds favor good propagation. The long paths at local dawn and sunset and skew paths around the polar regions remain worthwhile hunting grounds for rarer DX, especially on 40, 30, and 20 meters. Listen for weak signals, and try different antenna directions for the strongest signal.

Solar activity is declining rapidly. Compare your log of last year at this time to note the difference, especially on the higher bands. The 'experts' expect sunspot numbers to continue to drop in 1993. Thus this month may well provide the last gasp of worldwide 10- and 12-meter openings for several years. And remember that high-band propagation may be **enhanced** just after a flare, but before the subsequent geomagnetic disturbance. Good hunting!



QSLs Received

■ From managers: **YJ8RN** (N9DRU 6 MOS), **T5/KF6BL** (KZ6X 4 WKS), **9DØRR** (NT2X 6 MOS), **OH3ES/Ø** (OH3ES 4 MOS), **ET3YL** (N4NX 5 MOS), **9ER1TA** (N4NX 5 MOS), **VP5P** (WN5A 7 WKS), **V2/JL1MUT** (JRØAMD 4 MOS), **C9RJJ** (W8GIO 1 WK!), **HC8N** (AA5BT 11 WKS), **ZF2TV** (AA6KX 2 WKS), **7Z2AB** (AAØBC 12 WKS), **8P9DF** (OH3RB 7 WKS), **TL8TM/6W4** (F6FNU 6 WKS), **UA9MI** (KC4UG 1 WK!), **S52DD** (WA4WTG 1 WK!) **HC8JG** (WA6ZEF 6 MOS), **HC8N** (WN4KKN 4 MOS), **7X2AB** (K2XR 4 MOS), **4K5ZI** (DF8BK 8 MOS), **JX3EX** (LA5NM 3 MOS), **5W1VL** (G4IUF 6 MOS).

■ Direct: **TR8GR** (4 WKS), **OM3NA** (3 MOS), **OM3TDP** (3 MOS), **EG92G** (6 MOS), **EH92G** (7 MOS), **ZY8IS** (3 MOS), **ZA1C** (4 MOS), **D44BC** (3 WKS), **CX5BW** (4 MOS), **EA9PB** (6 WKS), **5Z4MR** (3 WKS), **A71CW** (6 WKS), **9A1CCY** (1 MO), **ZD8LII** (3 MOS), **EA9IE** (3 MOS), **D44BC** (1 MO).

Libya and Tunisia

Romeo's press release on his proposed 5A/3V operation includes the following: "At the end of March we are planning to QRV from Libya (5A) and perhaps from Tunisia (3V). The callsigns to be used shall be announced in 2-3 days prior to the beginning of the operation to avoid pirate activity. Guarantees of the appropriate officials to issue licenses had been secured. Standard DXpedition frequencies. We will give priority to stations in Asia, since these two countries are needed there the most, as the propagation allows... Europeans will be given special priority on the WARC bands and low frequencies. DXpedition will commence when the necessary funds are gathered. Organizations and clubs that choose to support this undertaking will see their logos on the QSL cards. Individuals who wish to support the upcoming operation with donations of $25 and more will receive limited-edition commemorative medals with tri-color enamel, made especially for this purpose. If you wish to make a donation, do it soon; the starting date depends on it." North American coordinator is Murphy Ratterree W4WMQ of INDEXA, 264 Wayland Drive, Rock Hill SC 24730. "QSL cards would start coming out in two days after the completion of the operation. The first printing of the cards would be done **before** the completion of the operation, by INDEXA. QSL route is Box 812, Sofia 1000, Bulgaria. All cards will be mailed from Bulgaria. Box 812 is now under the direct supervision of the office of Sofia PTT... Duplication QSOs are discouraged!

Fred Laun K3ZO Wins SAC

The Consulate of Finland in Phoenix, Arizona joins the Finnish Amateur Radio League and Finnair, Finland's national airline, in announcing that **Fred Laun K3ZO** has been declared the winner of complimentary round-trip air transportation to Finland in the summer of 1993.

According to Tomi Ylinen OH6EI, the Finnish League's Contest Manager, Fred easily won both the CW and SSB Scandinavian Activity Contests (SACs) in the fall of 1991, thus winning this special prize which was sponsored by Finnair. While in Finland, Fred will attend the Finnish League's annual summer retreat. de Frank Smith OH2LVG, Consul of Finland.

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17

RTTY

CEØZIS	14084	0345	23	PA
ET3SID	14087	1832	27	FL
TA5C	14087	1549	19	ID
V51GB	28095	1402	21	FL

160 Meters

A22MN	1828	0413	17	CA
SV8ZS	1830	0350	22	AL
VP2EC	1834	0315	21	SC

80 Meters

6W6JX	3507	0534	19	UT
9M2AX *	3503	2256	17	MA
A35QK	3503	1104	20	MA
VK6HD	3502	1131	21	FL
Z21HS	3507	0339	20	MO

75 Meters

7X2BK	3800	0300	20	MA
9K2MU	3789	2315	17	MA
FO4OK	3798	0843	19	CA
HKØOEP	3795	1053	24	NJ
KG4CW	3792	0415	23	IA
PYØFM	3795	0038	20	NH
V63JC	3798	0953	21	CA
VK6LK *	3798	2210	20	MA
YS1AG	3794	0508	22	CA

40 Meters

3B8CF	7005	0215	23	IA
3XØHNU	7009	0744	16	CA
4K1F	7010	0453	18	TX
4K2MAL	7007	0415	23	IA
4N4ANT	7002	2350	21	MI
6W6JX	7004	0544	18	TX
7P8SR	7014	0021	19	IL
8R1J	7004	0951	20	MI
9V1ZE	7003	1138	21	FL
9X5HG	7006	0140	23	IA
A22MN	7013	0428	17	UT
BV4CT	7004	1433	22	CA
C91J	7009	0430	23	CA
J28FO	7004	0240	20	IA
J52AG	7002	2132	27	FL
P29PL	7004	1115	26	FL
TA3D	7004	0325	20	WV
UI8BDK	7007	1230	21	IA
VQ9AC	7004	1415	23	CA
VR6BB	7002	0527	23	CA
XU5SE	7004	1235	22	IA
YN/ SMØOIG	7006	0143	26	FL
Z21HS	7005	0502	21	MA
ZA1J	7005	0139	18	CO
ZD9CW	7001	0320	18	IA

30 Meters

3B8CF	10103	1315	17	KS
3DAØBK	10101	2150	20	SC
4K2BY	10104	0220	21	FL
7P8SR	10104	2258	20	SC
9K2MU	10105	2237	27	FL
BY5RJ	10106	0039	21	TX
FK8GS	10104	1213	20	NS
J52AG	10101	2125	27	FL
TU4SR	10105	2111	24	PA
VR6BB	10102	0606	22	PA
ZA1W	10101	0110	21	TX
ZD8DEZ	10103	2323	24	PA

20 Meter CW

3B8FG	14021	0300	16	KS
3B8FG *	14020	1245	21	IA
4J4GC	14006	0336	19	UT
4N5RB	14023	2124	19	MI
4S7EA	14015	0115	21	IA
9G1AA	14020	1718	27	FL
BV7BB	14013	1245	20	MA
C91J	14009	2145	25	CA
CN8ST	14005	0343	21	CO
EP1RX	14007	1714	22	ID
ES5RY *	14012	1408	19	WA
FK8GJ	14010	0715	21	IA
FR5DD	14021	0349	21	CO
FR5DD *	14015	1315	22	IA
JT1BR	14016	1320	21	IA
JT5AA	14010	0250	21	IA
JWØF	14022	2255	26	FL
OD5/ SP7LSE	14011	2233	18	NC
RL7PC	14017	0135	19	MI
S59AA *	14012	1609	23	WA
T5/K3OQF	14022	0300	23	IA
TA1AN	14015	2327	25	FL
TR8GR	14012	2311	23	ID
TR8LC	14013	2002	18	MI
TU4SR	14025	2350	23	FL
UD6DFF	14007	1905	27	FL
UF6FDS	14026	1246	18	GA
UI8GA	14008	0325	27	FL
UI9ACP	14007	0311	20	CO
UJ8JA	14006	0301	20	CO
UJ8JA *	14007	1310	18	AL
UJ8JI	14008	0309	26	FL
UM8QDX	14033	0125	21	CA
UN7LZ	14023	0320	19	CO
UN7LZ	14015	1606	22	ID
VQ9AC *	14031	1340	18	IA
VR6BB	14025	0145	26	FL
XQØX	14064	0244	22	AL
XQØX	14031	2346	20	IL
YN/ SMØOIG	14014	2330	15	ID
Z21HS	14011	0533	21	TX
ZA1W	14004	2248	20	TX
ZS6ME *	14009	1611	23	WA

20 Meter SSB

3XØHLU	14200	1153	21	NJ
3XØHLU	14188	2139	16	NH
5Z4XW	14190	2033	16	SC
9V1YQ	14175	1222	19	IL
A22EX	14240	2302	20	VA
A71BR	14188	2320	19	MI
AP2AL	14196	1210	19	IL
BY1QH	14212	1158	21	VA
C53GB	14183	0804	20	IL
D44BC	14197	0420	16	CO
EP2MHB	14247	2305	20	MD
FH5CB	14242	0353	16	TX
J5UAI	14226	0143	22	CA
T32LN	14247	0308	21	WI
TA5C	14180	2327	20	VA
TU2JL	14195	2337	21	MI
UJ8RA	14252	0225	20	VA
VQ9MW	14197	1250	17	NJ
VR6KY	14322	0705	20	WI
VU2RAK	14183	0244	20	IL
VU2XX	14193	1209	19	IL

17 Meter CW

4K2MAL	18083	1530	21	WV
4N5PK	18071	1640	20	CA
5Z4TT	18076	2124	21	MI
J5UAI	18078	2024	19	MI
S21ZG	18073	1433	26	FL
VQ9AC	18077	1800	20	MI
ZD8DEZ	18081	2243	21	MI

17 Meter SSB

C53GB	18152	1837	20	NS
T5/KJ6QO	18162	2150	17	CA
XQØX	18130	0232	21	CA

15 Meter CW

4K4/ UZØQXY	21001	0128	20	CA
4N4DNO	21018	1433	17	MI
4N5PK	21019	1600	23	ID
5NØSKO	21023	2300	15	KS
5X1B	21024	1243	21	AL
8R1J	21009	1304	21	MA
9X5HG	21016	1926	21	FL
A35QC	21019	0225	21	CA
BY4BA	21025	0336	20	CA
C91J	21024	1820	19	MI
OD5/ SP7LSE	21012	1657	23	CA
OM3TKM	21016	1724	19	ID
SV5TH	21038	1656	21	IL
TR8GR	21009	1953	20	TX
U8AH	21024	1255	27	FL
UAØK/ RA1WO	21034	0030	20	CA
UI9ACP	21011	1503	19	CO
VQ9AC *	21026	1745	18	IA
VU2TTC	21020	1615	20	MA
ZA1EM	21028	1223	27	FL
ZA1W	21023	1313	20	AL
ZD8VJ	21025	2243	22	FL

15 Meter SSB

5R8DG	21335	1749	18	FL
5X1A	21323	1957	16	MD
5X1B	21350	1921	20	MI
5Z4BI	21277	2115	20	IA
7Q7JL	21300	1950	21	NJ
7X2WAK	21250	1325	21	NJ
8Q7AF	21266	1313	18	MD
9X5AB	21326	2205	20	IA
BV2FR	21295	0159	19	MD
BY5RA	21287	2351	20	MD
D2/N6QHO	21340	1901	20	MI
EL2PP	21272	1845	17	NS
HH2BN	21205	2334	20	IL
S92YL	21305	2223	18	CA
T5/N9OQS	21300	2130	15	KS
TL8MS	21320	2229	20	CO
VU2DK	21293	1514	20	NC
ZA1W	21266	1325	21	MD
ZD7DP	21264	2104	19	IL

12 Meter CW

3B8CF	24902	1535	19	MN
RJ8JM	24896	1445	20	NS
UD6DKW	24900	1422	26	FL
VQ9AC	24899	1742	19	MI
VU2PTT	24895	1532	21	SC
XQØYAF	24899	1820	14	NH
XQØYAF	24900	2355	27	FL
ZD8DEZ	24897	1530	20	MN
ZK1TB	24893	2244	22	FL

12 Meter SSB

SV1ADG	24940	1609	21	SC

10 Meter CW

3XØHNU	28013	1303	19	GA
4U/ OH3MIG	28020	1349	26	FL Syria
6W6JX	21027	1730	20	IA
7P8SR	28032	1340	21	IL
C91J	28023	1354	20	TX
HKØDPA	28025	2030	19	CA
SV2BFL	28020	1628	19	SC
VR6BB	28025	1828	21	IL
ZD8VJ	28016	2232	22	FL
ZK1TB	28026	2248	22	FL

10 Meter SSB

3XØHLU	28560	1640	21	IA
5T5SN	28486	2205	19	CA
C91J	28435	1731	21	TX
FR5GG	28470	1500	22	IA
KH3AF	28495	2053	14	CO
SØ/ KA3KJH	28480	1527	19	NS
S79MD	28432	1740	19	VA
S92YL	28478	2100	19	CO
TJ1JR	28497	1341	17	NH
TZ6VV	28417	1555	14	ME
V51PG	28509	1716	21	NH
V63DJ	28338	2335	18	IA
VR6DX	28482	1550	21	FL
YI1MH	28482	1401	20	NH

Issue 682 - April 2, 1993

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Aland Island	**OIIØ**	**OIIs**	**April 3-10**	**I681**
Angola	**D2**	**D2BG**	**to August**	**I682**
Antarctica	CE9OH		14190 2000Z Sunday	
Ascension Island	ZD8VJ		Now-1994	I673
	ZD8DEZ		to August	I678
Bangladesh	S2	S21ZG	7004 1200Z	I674
Cambodia	XU	XU7VK, others now active		I670
Cayman Islands	**ZF**	**ZF2UH**	**Apr. 17-24**	**I681**
		ZF2UA/UB	**Apr. 19-26**	**I682**
Chad	**TT**	**TT8OBO**	**Mar. 15-Apr.**	**I673**
Crozet	FT	FT4WD	Now	I670
Ghana	**9G**	**9G1AA**	**Now**	**I674/82**
Gibraltar	**ZB2/**	**DLs**	**April 6-10**	**I682**
Gough Island	**ZD7**	**ZD7CQ**	**now-May**	**I680**
Guinea-Bissau	**J5**	**J52AG**	**Mar. 22-Apr. 5**	**I679**
ITU Headquarters		**4U1ITU**	**April 3-4**	**I682**
Laos	XW	JA2EZD+	Apr. 27-May 3	I681
Libya	**5A**	**TBA**	**Soon?**	**I681/2**
Madagascar	5R	5R8DG	28544 14-1500Z	I672
Micronesia	**V63s**	**BM MK**	**Mar. 31-Apr. 4**	**I675**
Nauru	C2	C21BR	to mid-Apr.	I669
Navassa	**KP1**	**W5IJU/**	**Mar. 26-Apr. 3**	**I680**
Qatar	A7	A71CW	now active	I675
Rwanda	9X	9X5AB	now active	I662
Saba	**PJ/**	**N3NCW**	**April**	**I677**
St. Christopher	**V4**	**V47NF/WZ**	**April 10-17**	**I682**
St. Martin	**FS/**	**N3NCW**	**April**	**I677**
San Felix	CEØ	XQØX	CW now	I681
São Tomé	S9	S92ST	now active	I674
		by ON4QM	**soon?**	**I682**
Seychelles	S7	S79MD	now active	I670
Singapore	9V	9V1YU	15M 15-1700Z	I661
South Georgia		**VP8GAV**	**Mar. 29-Apr. 2**	**I680**
Spratly Islands	**1S**	**9MØS**	**postponed**	**I680**
Suriname	**PZ**	**PZ5DX**	**to Apr. 5**	**I681**
Taiwan	BV/	N4VA	to July	I676
		BV/N4MQX	**Apr. 9-20**	**I679**
Tromelin	**FR/T**	**FR5ZU/T**	**mid-April**	**I682**
Uganda	5X	WF5T/N3JCL	Apr.27-May 12	I681

Operating Events and DX Gatherings

Dates	Event	Reference:
April 3-4	Polish CW Contest	CQ
April 10-11	Japanese High-Band CW Test	CQ
April 10-11	Holyland DX Contest	CQ
April 16-18	Visalia International DX Convention	
April 17-18	SARTG AMTOR Contest	RTTY Journal
April 23-25	Dayton Hamvention®	
April 24-25	Swiss Helvetia Contest	CQ

Contributors

This Issue would not have been possible without the assistance of our dedicated reporters: AB4PW, AB8K, AC5K, CT1EEB, DL7VEE, DXNS, I1YRL, JADXN, K1HDO, K1RH, K4BAI, K4GLU, K4II, K4IQJ, K6IR, K6LEB, K6ZH, K6ZUR, K7EX, K7UOT, K8JJC, K8JLF, K8OQL, K8RWL, K9UE, KA1MUY, KA6ING, KA7T, →

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Algeria	7X2WAK	15M SSB	1330Z
Angola	D2/N6QHO	21330±	1900Z
Anguilla	VP2EC	1834	0315Z
Ascension Island	ZD8DEZ	10104	0500Z
Bosnia-Hercegovina	4N4DNO	21020±	1430Z
Botswana	A22EX	28490±	1300Z
Chagos	VQ9AC	7004	1415Z
India	VU2TTC	21025±	1615Z
Kazakhstan	UN7LZ	20M CW	0330Z
Lebanon	OD5/SP7LSE	14010±	2230-0230Z
Mauritius Island	3B8CF	7005	0215Z
Mauritius Island	3B8FG	14021	03, 13Z
Mongolia	JT1BR	14014±	1330Z
Mozambique	C91J	21020±	1820Z
Mozambique	C91J	28440±	1600Z Sun.
Mozambique	C91J	7009	0420Z
New Zealand	ZL1ACW	24985	1930Z
Pitcairn Island	VR6BB	10102	0600Z
San Felix	XQØX	14030-065	0245Z
Senegal	6W6JX	3504±	0530Z
Senegal	6W6JX	7004	0545Z
Taiwan	BV4CT	7004	1430Z
Tajikistan	UJ8JA	14006	0300Z
Uganda	5X1A	15M SSB	20-2300Z
Zimbabwe	Z21HS	14011	0530Z

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